

TSIBERBILLER, Yelena Aleksandrovna; KULIK, M.S., red.; PETUNIN, I.M.,
red.; USHAKOVA, T.V., red.; SOLOVEYCHIK, A.A., tekhn.red.

[Characteristics of dry winds as they affect agriculture]

Agroklimaticheskaya kharakteristika sukhov'ev. Pod red.

M.S.Kulika, I.M.Petunina. Leningrad, Gidrometeor.izd-vo,

1959. 117 p.

(MIRA 12:7)

(Winds)

3(7)

SOV/50-59-2-22/25

AUTHOR:

Kulik, M. S.

TITLE:

Second Meeting of the Commission on Agricultural Meteorology of the World Meteorological Organization (Vtoraya sessiya komissii po sel'skokhozyaystvennoy meteorologii Vsemirnoy meteorologicheskoy organizatsii)

PERIODICAL:

Meteorologiya i gidrologiya, 1959, Nr 2, pp 67-69 (USSR)

ABSTRACT:

The second meeting was held between September 29 and October 17, 1958 in Warsaw. The USSR was represented by M. S. Kulik, V. P. Popov and A. M. Chikalov. Ya. S. Ulanova was elected representative of the USSR in the Study Group for the Compilation of Weather Forecasts for Agriculture. F. F. Davitaya was elected Soviet representative in the analogous Study Group on Climatological Informations for Agriculture. I. A. Gol'tsberg was voted representative of the USSR in the Study Group for the Drawing-up of Recommendations in the Fight Against Damage Due to Morning Frost, and L. A. Razumova Soviet representative in the Study Group on the Efficacy of Forest Strips. S. Bac (Poland) developed a simple apparatus for the determination of the scope of movements of soil strata in connection with the freezing and melting of the soil. An apparatus of similar design is

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Second Meeting of the Commission on Agricultural
Meteorology of the World Meteorological Organization

SOV/50-59-2-22/25

being used by the Sabakino (Moscow oblast') Station of Agro-meteorology. The Soviet delegates reported on the radioactive method of determining the moisture of the soil (developed by Danilin), on the inexpensive and convenient pluviometer designed by Davitaya, on the feeler thermometer developed by Shokhin, on the evaporator designed by Popov, on the electric thermometers for the determination of the temperature at the tiller (Bestockungsknoten) of winter seed. Mention is made of the reports delivered by the delegates from the USA and France. Soviet delegate V. P. Popov delivered a report on the principles of agroclimatic district classification. The other Soviet delegate, M. S. Kulik, spoke on agroclimatic indices for the drought. Soviet representative in the Study Group on Problems of Agroclimatic district classification is F. F. Davitaya. M. Austin Burke (Ireland) was elected by secret ballot President of the Commission, while M. S. Kulik (USSR) was elected Vice-President.

Card 2/2

KULIK, M.S.

Agrometeorological forecasting as a type of service of utmost
importance to agriculture. Meteor.i gidrol. no.6:3-8
Je '60. (MIRA 13:6)

(Meteorology, Agricultural)

KULIK, M.S.; SAGATOVSKIY, N.V.

Transactions of the Kazakh Hydrometeorological Research Institute
dealing with agricultural meteorology. Meteor. i gidrol. no.10:
51-55 0 '60. (MIRA 13:10)
(Kazakhstan--Meteorology, Agricultural)

KULIK, M.S.

Liubov' Aleksandrovna Razumova; on her 60th birthday and 40th anniversary of scientific activities. Meteor. i gidrol. no.8: 62-64 Ag '61. (MIRA 14:7)
(Razumova, Liubov' Aleksandrovna, 1901-)

KULIK, M.S.

How to extend and improve the agrometeorological service. Meteor.
i gidrol. no.6:3-9 Je '62. (MIRA 15:6)
(Meteorology, Agricultural)

KULIK, M. S.

"Agrochemistry in agriculture"

report to be submitted for the United Nations Conference on the
Application of Science and Technology for the Benefit of the Less
Developed Areas - Geneva, Switzerland, 4-20 Feb 63.

MAKSIMOV, Semen Andreyevich; KULIK, M.S., otv. red.; SAGATOVSKIY,
N.V., red.; ALEKSEYEV, A.G., tekhn. red.

[Weather and agriculture] Pogoda i sel'skoe khoziaistvo.
Leningrad, Gidrometeoizdat, 1963. 201 p. (MIRA 16:11)
(Meteorology, Agricultural)

VERIGO, Stefaniya Antonovna; RAZUMOVA, Lyubov' Aleksandrovna; KULIK, M.S.,
otv. red.; CHEPELKINA, L.A., red.; VOLKOV, N.V., tekhn. red.;
SUVOVA, L.D., tekhn. red.

[Soil moisture and its role in agricultural production] Pochven-
naia vlaga i ee znachenie v sel'skokhoziaistvennom proizvodstve.
Leningrad, Gidrometeoizdat, 1963. 288 p. (MIRA 16:6)
(Soil moisture) (Agriculture)

D. V. TAYL, Feofan Farneyevich; KULIK, M. S., otv. red.; MARCHENKO,
V. V., red.

[Cumulative temperature forecast and some problems of the
seasonal development of nature] Prognoz obespechennosti tep-
lom i nekotorye problemy sezonnogo razvitiia prirody. Mo-
skva, Gidrometeoizdat, 1964. 150 p. (MIR. 17:8)

RUDNEV, German Viktorovich; GUREVICH, T.V., retsenzents; KRUPE,
V.A., retsenzents; KULIK, M.S., otv. red.;
YASNOGORODSKAYA, M.M., red.

[Agricultural meteorology] Agrometeorologiya. Leningrad,
Gidrometeoizdat, 1964. 277 p. (MIRA 17:8)

KULIK, M.S., kand. geograf. nauk

Estimating the agrometeorological conditions of the autumn
vegetation of winter crops. Meteor. i gidrol. no.8:16-22

Ag '64

(MIRA 17:8)

1. Tsentral'nyy institut prognozov.

KULIK, M.S.

Agrometeorological forecasting. Zemledelia 26 no.2:5-12
F '64. (MIRA 17:6)

1. Zamestitel' direktora Tsentral'nogo instituta prognozov.

KULIK, M.S., kand. geograf. nauk

Significance of meteorological conditions for the effectiveness
of mineral fertilizers. Meteor. i gidrol. no.12:17-23 D '64
(MIRA 18:1)

1. Laboratoriya agrometeorologicheskikh prognozov Instituta
prikladnoy geofiziki.

DAVID, Rudol'f Eduardovich, akademik (1887-1939); KULIK,
H.S., otv. red.; VAYTSMAN, A.I., red.

[Selected works on agricultural meteorology] Izbrannye
raboty po sel'skokhoziaistvennoi meteorologii. Lenin-
grad, Gidrometeoizdat, 1965. 225 p. (MIRA 18:7)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk
imeni V.I.Lenina (for David).

KULIK, M.S., kand. geograf. nauk

Forecast of the effectiveness of the spring feeding of winter crops.
Meteoro. i gidrol. no.8:3-6 Ag '65. (MIRA 18:7)

1. Institut prikladnoy geofiziki AN SSSR, Agrometeorologicheskaya
laboratoriya.

L 30753-66 FCC

ACC NR: AP6020264

SOURCE CODE: HU/0033/65/069/003/0148/0153

AUTHOR: Kulik, Maksim Savvich (Candidate of geographical sciences; Head of agricultural weather forecasting laboratory; Obninsk) ²⁴

ORG: Laboratory of Agricultural Weather Forecasting, Institute of Applied Geophysics, Obninsk, SSSR (Laboratoriya agrmetprognoz, Institut prikladnoy geofiziki) ⁶

TITLE: Effectiveness of the use of fertilizer as a function of meteorological factors
 [This paper was presented at the Agricultural Weather Forecasting Conference held in Kechkemet from 15 to 19 September 1964.]

SOURCE: Idojaras, v. 69, no. 3, 1965, 148-153

TOPIC TAGS: soil property, fertilizer, atmospheric temperature, atmospheric moisture

ABSTRACT: It was shown that the effectiveness of fertilizer utilization decreases in the Soviet Union from the North-Western to the South-Eastern direction. This phenomenon was explained in terms of meteorological factors. A discussion of these factors led to the conclusion that the effectiveness of fertilizer utilization could be significantly increased by utilizing the meteorological phenomena such as atmospheric temperature, atmospheric and soil moisture content, etc. Of special significance is the period during which the average daily temperature is within 10° and 15°C. The onset of this period can be forecast by the method developed by Davitaya, F. F. Orig. art. has: 2 figures. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 04, 02 / SUBM DATE: none

Card 1/1 LS

KULIK, M. Ye., Engineer

"Electrical Illumination of Night Field Work in Farming." Sub 1
Jul 47, All-Union Sci Res Inst of Mechanization and Electrification of
Agriculture (VIME)

Dissertations presented for degrees in science and engineering in
Moscow in 1947

SO: Sum No. 457, 18 Apr 55

GANELIN, A.M.; KISHCHENNIKOV, S.A.; KULIK, M.Ye.

Electric fence for animals on pasture. Biul. nauch.-tekhn. inform.
po elek. sel'khoz. no.1:10-11 '56. (MIRA 10:9)

(Electric fences)

112-57-8-16774

Translation from: Referativnyy zhurnal, Elektrotehnika, 1957, Nr 8, p 120 (USSR)

AUTHOR: Kulik, M. Ye.

TITLE: An Electric Fence (Elektricheskaya izgorod')

PERIODICAL: Zhivotnovodstvo (Livestock Raising), 1956, Nr 7, pp 64-68

ABSTRACT: The author gives a full description of an electric-fence construction with an EP-1 supply apparatus. Drawings of the apparatus and fence construction, a list of faults often encountered in operation, ways of eliminating these faults, and safety rules are included.

I. V. I.

Card 1/1

BREMER, G.I., doktor tekhn.nauk, prof.; GALDIN, M.V., inzh.; DEMIN, A.V.,
kand.tekhn.nauk; ZYABLOV, V.A., kand.tekhn.nauk; KAPLUNOV, M.M.,
inzh.; KASHEKOV, L.Ya., inzh.; KOROLEV, V.F., kand.tekhn.nauk;
KRASHOV, V.S.; KULIK, M.Ye., kand.tekhn.nauk; MAKAROV, A.P., inzh.;
NOVIKOV, G.I., kand.tekhn.nauk; NOSKOV, B.G., inzh.; OLENEV, V.A.,
kand.vet.nauk; OSTANKOV, V.P., inzh.; PERCHIKHIN, A.V., inzh.;
POKHVALENSKIY, V.P., kand.tekhn.nauk; SERAFIMOVICH, L.P., kand.
tekhn.nauk; SMIRNOV, V.I., kand.tekhn.nauk; URVACHEV, P.N., kand.
tekhn.nauk; FADEYEV, N.N., inzh.; FATEYEV, Ye.M.; KRYUKOV, V.L.,
red.; VESKOVA, Ye.I., tekhn.red.

[Reference book on the mechanization of stock farming] Spravochnaya
kniga po mekhanizatsii zhivotnovodstva. Moskva, Gos.izd-vo sel'khoz.
lit-ry, 1957. 678 p. (MIRA 10:12)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh
nauk im. V.I.Lenina (for Krasnov, Fateyev).
(Farm equipment) (Stock and stockbreeding)

ANDRIANOV, V.N., doktor tekhn.nauk; BERSENEV, Ye.Ye., inzh.; BYSTRITSKIY, D.N., kand.tekhn.nauk; GREGORNIKOV, A.F., kand.tekhn.nauk; GZETSOV, N.A., kand.tekhn.nauk; ZUYEV, V.A., kand.tekhn.nauk; KLIMOV, A.A., kand.tekhn.nauk; KOHOLEV, V.F., kand.tekhn.nauk; KUDRYAVTSEV, I.F., kand.tekhn.nauk; KULIK, N.Ye., kand.tekhn.nauk; NAZAROV, G.I., kand.tekhn.nauk; OLMYNIK, N.P., inzh.; OSETROV, P.A., kand.tekhn.nauk; PODSOSOV, A.N., inzh.; POPOV, S.T., inzh.; PRISHCHEP, L.G., kand.tekhn.nauk; PCHELKIN, Yu.N., inzh.; RUBTSOV, P.A., kand.tekhn.nauk; RUNOV, B.A., kand.tekhn.nauk; SAVINKOV, K.P., kand.tekhn.nauk; SAZONOV, N.A., prof., doktor tekhn.nauk; SERGEYEV, A.S., inzh.; SKVORTSOV, P.F., kand.tekhn.nauk; SMIRNOV, B.V., kand.tekhn.nauk; SMIRNOV, V.I., kand.tekhn.nauk; TYMINSKIY, Ye.V., inzh.; URVACHEV, P.N., kand.tekhn.nauk; SHTRURMAN, B.A., inzh.; SHCHUROV, S.V., kand.ekon.nauk; RUNOVA, L.M., inzh.; VOL'FOVSKAYA, D.N., red.; NIKITINA, V.M., red.; BALLOD, A.I., tekhn.red.

[Manual on the use of electric power in agriculture] Spravochnik po primeneniiu elektorenergii v sel'skom khoziaistve. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 606 p. (MIRA 11:5)
(Electricity in agriculture)

KULIK, M., starshiy nauchnyy sotrudnik; YAGNYATINSKIY, V., mladshiy
nauchnyy sotrudnik

Use electric fences. Nauka i pered. op. v sel'khoz. 8
no.4:27-29 Ap '58.
(Electric fences)

(MIRA 11:5)

KULIK, M., kand. tekhn. nauk

Electric fences of new design. Nauka i pered. op. v sel'khoz. 9
no. 4:64-65 Ap '59. (MIRA 12:6)

1. Vsesoyuznyy institut elektrifikatsii sel'skogo khozyaystva.
(Electric fences)

KULIK, M. Ye., kand. tekhn. nauk

Electric lamps for detecting and exterminating flying insects.
Zashch. rast. ot vred. i bol. 5 no.5:51 My '60.
(MIRA 16:1)

(Insect traps)

KULIK, M. Ye., starshiy nauchnyy sotrudnik

Electric lamps. Zashch. rast. ot vred. i bol. 5 no.10:42-43
0 '60. (MIRA 16:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifi-
katsii sel'skogo khozyaystva, g. Perovo.

(Insect traps)

KULIK, N.A.

Goniometry of wolframite from one of the ore deposits. Zap.Vses.
min.ob-va 84 no.3:365-368 '55. (MLRA 8:11)

1. Leningradskiy Gosudarstvennyy universitet
(Wolframite)

RIMSKAYA-KORSAKOVA, O.M.; SAKHONENOK, V.V.; KULIK, N.A.

Iyengar molybdenum-tungsten deposit. Vest. LGU 14 no. 6:63-74
'59. (MIRA 12:6)

(Nura-Tau--Molybdenum ores)

(Nura-Tau--Tungsten ores)

KULIK, N.A.

Muskovite granite in the Ak-Tau intrusive (Nura-Tau, western
Uzbekistan). Vest. LGU 15 no.18:57-65 '60. (MIRA 13:9)
(Ak-Tau--Muskovite) (Ak-Tau--Granite)

KULIK, N.A.

Accessory garnet of leucocratic rocks of the Aktau intrusive. Uch.-
zap. LGU no.312:222-233 '62. (MIRA 15:6)
(Mura-Tau---Garnet)

KULIK, N.A.

Some data on the mineralogy of "uferite" (davidiite). Zap. Vses. min.
ob-va 94 no.1:114-119 '65. (MIRA 18:3)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR.

KULIK, Nikolay Alekseyevich [Kulyk, M.O.]; MEL'NIKOV, Dmitriy Ivanovich;
RODNYANYI, Mikhail Ivanovich [Rodnianyi, M.I.]; SUSHKO, I.S., red.;
YEROSHENKO, T.G. [Eroshenko, T.H.], tekhn. red.

[Laboratory and practical work with tractors and motor vehicles]
Laboratorno-praktychni zaniattia z traktoriv i avtomobiliv. Kyiv,
Derzhsil'hospvydav URSR, 1961. 234 p. (MIRA 15:7)
(Tractors) (Motor vehicles)

GONCHAROV, V. S.: ZEMTSOVA, N. M.: KULIN, N. F.: SEMEROVICH, I. I.

Afforestation - Caspian Sea Region

Forestry on unirrigated soils in the northern Caspian Sea region. Les. khoz, 5 No. 9, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

KULIK, N. F. Cand Agr Sci -- (diss) "Water ^{ratio} of the Terek-Kuma sands." ^[V. I. Lenin?]
Mos, 1958. 19 pp (All-Union Order of Lenin Acad Agr Sci in (KL, 14-58, 115)

KULIK, N.F.

Water balance of virgin steppe lands of Terek-Kuma sands [with summary in English]. Pochvovedenie no. 9:128-134 '58. (MIRA 11:10)

1. Achikulekskaya lesnaya opytnaya stantsiya Vsesoyuznogo nauchno-issledovatel'skogo instituta agrolesomelioratsii.
(Terek Valley--Soil moisture)
(Kuma Valley--Soil moisture)

KULIK, N.

Lime concretions in soils of the semidesert. Pochvovedenie
no.1:129 Ja '59. (MIRA 12:2)

1. Laboratoriya organicheskogo sinteza AN SSSR.
(Concretions)

KULIK, N.F.

Effect of thermal gradients on the translocation of vaporous
moisture in soils. Pochvovedenie no.12:50-63 D '63.

(MIRA 17:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut agrolesomelioratsii.

KULIK, N.F.

lightened bar for a hand auger and formulas for calculating the
quant'ity of work performed in boring. Pochvovedenie no.5:71-73
My '65. (MIRA 18:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut agrolesomelio-
ratsii.

KULIK, N. M. (Simferopol')

Influence of aerosols of hyaluronidase on the absorbability of
inhaled antituberculous preparations. Vrach. delo no. 6:74-77
Je '62. (MIRA 15:7)

1. Kafedra tuberkuleza (zav. - zasluzhennyi deyatel' nauki,
prof. N. I. Kornetov) Krymskogo meditsinskogo instituta.

(TUBERCULOSIS - PREVENTION) (HYALURONIDASE)
(AEROSOLS)

KULIK, N.M., aspirant

Effect of some antispastic substances on the absorption of
inhaled antitubercular drugs. Probl.tub. no.7:87-92 '62.

(MIRA 15:12)
1. Iz kafedry tuberkuleza (zav. - prof. N.I. Kornetov, [deceased])
Krymskogo meditsinskogo instituta.
(TUBERCULOSIS) (MUSCLE RELAXANTS) (INHALATION THERAPY)

KULIK, N.M. (Simferopol')

Aerosol therapy for patients with pulmonary tuberculosis. Vrach.
delo no.9:35-40 S 63. (MIRA 16:10)

1. Kafedra tuberkuleza (zav. - prof. N.I.Kornetov [deceased])
Krymskogo meditsinskogo instituta.
(AEROSOL THERAPY) (TUBERCULOSIS)

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ACC NR: AT6006235

ENP(j)/ENT(m)/T/ENP(v) RM/WW/GS
(A)

SOURCE CODE: UR/0000/65/000/000/0005/0008

AUTHOR: Gnyp, N. P.; Kachan, A. A.; Kulik, N. V.; Chervyatsova, L. L.

ORG: Institute of Chemistry of High Molecular Compounds, AN UkrSSR, Kiev (Institut khimii vysokomolekulyarnykh soyedineniy AN UkrSSR)

TITLE: Nonadditivity of properties of the constituents of a graft polymer

SOURCE: AN UkrSSR. Modifikatsiya svoystv polimerov i polimernykh materialov (Modification of the properties of polymers and polymeric materials). Kiev, Naukova dumka, 1965, 5-8

TOPIC TAGS: synthetic fiber, graft copolymer, polyacrylonitrile, polyvinyl acetate, adhesion, caprone

ABSTRACT: The effect of a grafted layer on the properties of modified caprone fiber was investigated. The properties of graft copolymers were studied by determining the dyeability and adhesiveness of the fibers. Experiments with an acid dye (acid blue) and a basic dye (fuchsin) showed that caprone fiber containing 6% of grafted polyacrylonitrile increases the sorption of acid blue by a factor of 1.5, and that

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ACC NR: AT6006235

3
of fuchsin, by a factor of 4 as compared to the unmodified fiber. Similar results were obtained with fiber modified with polyvinyl acetate. Thus, the dyeability depends little on the nature of the grafted layer or on the type of dye, indicating that the properties of the modified polymer are not determined by the properties of the substrate and of the grafted layer. A similar picture was obtained in a study of the adhesion of caprone fibers to grafted polydivinyl, poly-2-methyl-5-vinylpyridine, and polyisoprene. In the case of SKB rubber, the samples showed a higher adhesion after grafting, but in the case of NK-1 natural rubber, the adhesion of caprone cord not only did not increase, but decreased, and the properties of the modified caprone fiber were practically independent of the chemical nature of the grafted layer. It is suggested that physical factors associated with a change in the structure of the "substrate" were strongly manifested in the case of natural rubber. Thus, the nonadditivity of the properties of the grafted layer and base polymer is displayed in the dyeability and adhesiveness to natural rubber. Orig. art. has: 1 figure, 3 tables.

SUB CODE: 07/ SUBM DATE: 06Oct65/ ORIG REF: 002/ OTH REF: 001

Card 2/2 *ll*

SHYB, N.P. [Hryp, N.P.], KULIK, N.V. [Kulyk, N.V.], KACHAN, A.A., KARD,
khim. nauk; CHERVYATSOVA, L.I. [Cherv'yatsova, L.I.]

lightproofing of polyamides by means of graft copolymerization.
Khim. prom. no.4:9-10 O.D. '64.
(MIRA 18:3)

KULIK, N.Ya. [Kulyk, N.Ya.]

Some features of the absorption of phthivazid in combined therapy
for tuberculous meningitis in children. Ped., akush. i gin. 19
no.2:13-16 '57. (MIRA 13:1)

1. Kafedra gosptal'noy pediatrii (zav. - prof. O.M. Khokhol) Kiyev-
skogo ordena Trudovogo Krasnogo Znameni meditsinskogo instituta im.
akad. A.A. Bogomol'tsa (dir. - dots. I.P. Alekseyenko).
(MENINGES--TUBERCULOSIS) (ISONICOTINIC ACID)

KULIK, N.Ya.

Course of exacerbations and recurrences of tubercular meningitis
treated by different methods. Vrach.delo no.3:22-25 Mr '63.
(MIRA 16:4)

1. Kiyevskiy meditsinskiy institut.
(MENINGITIS)

KULIK, O.A., st. inzh., red.; MOISEYEV, I.N., red.; VOLKOV, N.V.,
tekhn. red.

[Hydrological yearbook] Gidrologicheskii ezhegodnik. Lenin-
grad, Gidrometeoizdat. 1957. Vol.6. [Basin of the Kara Sea;
Western part] Bassein Karskogo moria; zapadnaia chast'.
Nos.4-9. Pod red. O.A.Kulik. 1962. 501 p. (MIRA 16:5)
(Hydrology--Tables, calculations, etc.)

SHUMANOVA, A.A.; SOKOLOV, B.S.; CHERKASHENINA, Ye.F.; GARSKOVA,
A.I.; CHULKOV, M.P.; BORISENOK, V.G.; RAIMOVA, S.S.; KULIK,
O.A.; UDALOVA, L.I.; KAZACHKOV, S.S., otv. red.; ZHDANOVA,
L.P., red.

[Agroclimatic manual on Omsk Province] Agroklimaticheskii
spravochnik po Omskoi oblasti. Leningrad, Gidrometeoizdat,
1959. 227 p.
(MIRA 17:7)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gidrometeo-
rologicheskoy sluzhby. Omskoye upravleniye. 2. Gidrometeoro-
logicheskaya observatoriya Omskogo upravleniya gidrometeorologicheskoy
sluzhby (for all except Kazachkov, Zhdanova).

KULIK, O.M.(L'viv)

Stretching square plates having reinforced circular holes. Prikl.
mekh.2 no.4:378-387 '56. (MLRA 10:3)

1. L'vivs'kiy derzhavniy universitet.
(Elastic plates and shells)

Anomalous Azbel-Kaner resonance effect in lead telluride.
A. Kobayasi (20 minutes).

Chemico-analytical methods of determination of micro-impurities in
doped monocrystals of the type $AlGaV_{II}$. I. B. Mizetskaya, L. M. Kalashnik,
O. P. Kulik, I. G. Chernyy.

Doping of cubic monocrystals of CdS in the process of their growth and
some physical characteristics of the resulting samples.
N. I. Vitrikhovskiy, I. B. Mizetskaya.

Report presented at the 3rd National Conference on Semiconductor Compounds,
Kishinev, 16-21 Sept 1963

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DATE

KULIK, P.A.; UKSUSOV, V.A.

Automatic machine for cutting blanks from crude rubber sections
obtained on worm presses. Kauch.i rez. 21 no.12:46-47 D '62.
(MIRA 16:1)

1. Sverdlovskiy zavod rezinovykh tekhnicheskikh izdeliy.
(Rubber industry—Equipment and supplies)

SHUK, I. I.

SHUK, I. I.

"Material on the surgical anatomy of the ileo-cecal portion of the intestine." Kiev Order of Labor Red Banner Medical Institute Academician A. A. Bogomolets. Kiev, 1950. (Dissertation For the degree of Doctor in Medical Sciences).

Knishnaya letovis'
No 34, 1956. Moscow.

KULIK, P.P., dotsent (Vinitsa, ul. Lenina, d.63, kv.6)

Topographic anatomical characteristic of the appendix vermiformis
in adults. Nov.khir.arkh. no.4:22-27 J1-Ag '57. (MIRA 10:11)

1. Kafedra operativnoy khirurgii i topograficheskoy anatomii (zav. -
prof. Novitskiy, S.T. [deceased]) Kiyevskogo meditsinskogo instituta
i kafedra operativnoy khirurgii i topograficheskoy anatomii (zav. -
dots. P.P.Kulik) Vinitsskogo meditsinskogo instituta.
(APPENDIX (ANATOMY))

KULIK, P.P., dotsent

Anatomical and clinical characteristic of the appendix vermiformis
in children. Vrach.delo no.7:733-735 J1 '57. (MIRA 10:8)

1. Kafedra operativnoy khirurgii i topograficheskoy anatomii (zav. -
prof. S.T.Novitskiy [deceased]) Kiyevskogo meditsinskogo instituta
i kafedra operativnoy khirurgii i topograficheskoy anatomii (zav. -
dotsent P.P.Kulik) Vinnitskogo meditsinskogo instituta
(APPENDIX (ANATOMY))

KULIK, P.P., doktor med.nauk

Interrelation of the vermiform process with adjacent organs.
Sbor.nauch.trud.Vin.der.med.inst. 18 no.1:18-28 '58.

(MIRA 16:2)

1. Kafedra operativnoy khirurgii i topograficheskoy anatomii
(zav. kafedroy doktor med.nauk P.P. Kulik) Vinnitskogo gosudarst-
vennogo meditsinskogo instituta.

(APPENDIX (ANATOMY))

KULIK, P.P., doktor med.nauk

Regenerative processes and restoration of functions in regions of interintestinal anastomoses in an experiment. Report No.1. Sbor.nauch.trud.Vin.der.med.inst. 18 no.2:46-56 '58.

(MIRA 16:2)

1. Kafedra operativnoy khirurgii i topograficheskoy anatomii (zav. kafedroy doktor med.nauk P.P. Kulik) Vinnitskogo gosudarstvennogo meditsinskogo instituta.

(INTESTINES—SURGERY)

KULIK, P.P., prof. (Vinnitsa)

"Topographical anatomy of man plates;" for students by I.U.M.
Lopukhin, M.N. Molodenkov. Reviewed by P.P. Kulik. Vest. khir.
93 no.9:145-146 S '64.
(MIRA 18:4)

ACCESSION NR: AP4017719

S/0294/63/001/003/0394/0398

AUTHORS: Panevin, I. G.; Kulik, P. P.

TITLE: Method for experimental determination of the coefficient of thermal conductivity of a high temperature gas

SOURCE: Teplofizika vy*sokikh temperatur, v. 1, no. 3, 1963, 394-398

TOPIC TAGS: high temperature gas, high temperature gas flow, streamline, blunt body, critical point, molecular heat conduction, laminar boundary layer, molecular thermal conductivity, thermal conductivity coefficient

ABSTRACT: An experimental method is presented which is based on the fact that regardless of the conditions in an incident flow around a blunt body, the stream in a small area around the critical point is always laminar. Since heat transport transverse to the

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ACCESSION NR: AP4017719

laminar boundary layer is due only to molecular heat conduction, measurement of the temperature profile in the boundary layer near the critical point and determination of the heat flux at this point yields the value of the coefficients of molecular thermal conductivity in a larger range of temperatures than possible heretofore. The experimental set-up has been described elsewhere (V. B. Tikhonov, Ye. A. Yakovlev, Sb. tr. MAI, A. V. Kvasnikov, ed, Oborongiz 1960). The experimental results agreed within 9% at $T = 12,000K$ and 5% at $T = 14,000K$ with approximate theoretical values calculated by the method of W. Lochte-Holtgreven (Repts. Progr. Phys. v. 21, 312, 1958). It is pointed out that the method is most effective at high pressures. Orig. art. has: 7 figures and 3 formulas.

ASSOCIATION: None

SUBMITTED: 09Jul63

DATE ACQ: 23Mar64

ENCL: 01

SUB CODE: PH, AI

NO REF SOV: 002

OTHER: 004

Card 2/32

AKOPOV, M. G., kand. tekhn. nauk; LUNAYEV, M. N., inzh.; KLASSEN, V. I.,
prof., doktor tekhn. nauk; KULIK, P. P., inzh.; LITOVKO, V. I.,
kand. tekhn. nauk; MALOFEYEVA, K. T., inzh.

Industrial testing of the preparation of coal pulp with
hydrocyclones in a water medium. Obog. i brik. ugl. no.24:
3-10 '62. (MIRA 15:10)

(Coal preparation) (Separators(Machines))

ACCESSION NR: AP4000401

S/0294/63/001/001/0056/0063

AUTHORS: Kulik, P. P.; Panevin, I. G.; Khvesyuk, V. I.

TITLE: Theoretical calculation of the viscosity, thermal conductivity, and Prandtl number of ionized argon

SOURCE: Teplofizika vy*sokikh temperatur, v. 1, no. 1, 1963, 56-63

TOPIC TAGS: argon, ionization, viscosity, thermal conductivity, viscosity, aerodynamics, high temperature, gas dynamics, argon ionization, ionized argon

ABSTRACT: It is shown that the presence of electrically charged particles in the ionized gas gives rise to long-range Coulomb forces between the particles along with the short-range atomic forces, and this increases the effective cross sections for the elastic interactions. One of the consequences is a sharp decrease in the viscosity coefficient of the gas and its pressure dependence. It is also

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ACCESSION NR: AP4000401

pointed out that knowledge of the gas kinetic properties of gases at temperatures much higher than experimentally feasible is of great importance in specific problems of aerodynamics and gas dynamics. Information is culled from a large number of Soviet and western sources, and the final results are presented in graphic and tabular form. Thermodiffusion effects are neglected, Original article has 2 tables, 4 figures, and 15 formulas.

ASSOCIATION: None

SUBMITTED: 08Apr63

DATE ACQ: 13Dec63

ENCL: 03

SUB CODE: AS

NO REF SOV: 010

OTHER: 026

Card 2/3

KULIK, P.V., inzh.

Heating and cooling of the current conductors of large
generators. Elek sta. 35 no.10:39-43 0'64.

(MIRA 17:12)

GLOWIAK, Bohdan; KULIK, Romuald

Preparation of amino-, diazo-, and azidoderivatives of
5-nitro-2-hydroxypyridine. Roczniki chemii 36 no.5:959-961 '62.

1. Department II of Technology of Nitrogen Derivatives,
Technical University, Wroclaw.

KELIK, S.

Kenya; economy and foreign trade. Vnesh. torg. 43 no.1:
26-31 '64. (MIRA 17:2)

Кулик (В. А.). Образование видов у грибов *Fusarium* в искусственных условиях. [Formation of species in the fungus *Fusarium* under artificial conditions].—Агробиология [*Agrobiology*], 1950, 6, pp. 28-36, 7 figs., 1950.

During the course of isolations from the underground parts of wheat plants over a period of two years at the Plant Protection Laboratory of the Siberian Scientific Research Institute for Cereal Farming, Omsk, 38 strains of *Fusarium* spp. were obtained. From all kinds of wheat seed *F. avenaceum* (R.A.M., 28, p. 184) was the only one isolated; it was never encountered in the roots or in the soil and only rarely on the collar.

Single-spore cultures of *F. avenaceum*, which showed constant growth characters on potato dextrose agar, were grown in soil. From 108 of these cultures four days later only *F. herbarum* [*F. avenaceum*: *ibid.*, 16, p. 243] could be isolated. These latter isolates maintained their characters when grown on various agars and natural media, such as wheat and rice grains, and continued to do so through three generations of single-spore cultures. After alternate low and high temperature treatments it was found that the mycelium which developed from one end of a single spore had the characters of *F. herbarum*, and from the other end those of *F. avenaceum*. These two forms were quite distinct morphologically and culturally, and there was no intermediate form. When grown in dual culture toxins were produced which caused the two to be antagonistic to one another.

Field studies showed that some agricultural methods, such as cultivation and manuring, change the balance between the number of parasitic and saprophytic species in the soil, decreasing the former and increasing the latter. A study of the conditions under which parasitic species of fungi may become saprophytic may give an opportunity of working out efficient measures for control of the fusaria of wheat and other crops.

KULIK, S. A.

KULIK, S. A. "Root Rot of Hard Wheat in Western Siberia," Sovetskaya Agronomiya,
vol. 9, no. 8, 1951, pp. 57-67. 20 So84.

So: SIRA SI-90-53, 15 Dec. 1953

KULIK, S.A.

New species of leaf bugs (Heteroptera, Miridae) from
Eastern Siberia and the Far East. Zool.zhur. 44
no.10:1497-1505 '65. (MIRA 18:11)

1. Kafedra entomologii Irkutskogo sel'skokhozyaystvennogo
instituta.

KULIK, S.A.

New species of fungi from Siberian soils. Bot. mat. Otd.
spor. rast. 13:133-137 '60. (MIRA 13:7)
(Siberia--Fungi) (Soil micro-organisms)

NATAL'INA, O. B., dotsent; GORLENKO, M. V., prof.; KULIK, S. A.,
kand. sel'skokhoz. nauk

Brief reports. Zashch. rast. ot vred. i bol. 5 no.5:63
My '60. (MIRA 16:1)

1. Saratovskiy sel'skokhozyaystvennyy institut (for Natal'ina).
2. Moskovskiy gosudarstvennyy universitet (for Gorlenko).

(Plants, Protection of)

KULIK, S.F.

Some traits of life of the peoples of Africa. Geog. v shkole
25 no.5:27-35 S-O '62. (MIRA 15:9)
(Africa--Native races)

KULIK, S.P.

Ghana, an ancient and young country. Geog. v shkole 26 no.4:
23-33 J1-Ag '63. (MIRA 17:1)

S/048/62/026/007/017,030
B104/B138

AUTORS: Vovk, V. N., Goreva, Ye. I., Kulik, S. I., and Leuta, T. M.

TITLE: Experience gained with the operation of two APC-10 (DFS-10) instruments in the Dnepropetsstal' plant

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya, v. 26, no. 7, 1962, 907-913

TEXT: Two DFS-10 quantometers were put into operation in November 1960 for analyzing low- and medium-alloy steels. Rapidity and accuracy were satisfactory as also was the amplifying and recording unit. The following drawbacks were found: (1) As it is not always possible to create the necessary air-conditioning a cooling unit should be fitted. (2) Problems of steel analysis cannot always be solved by low-voltage sparks and arcs. A condensed spark generator should therefore be included. (3) Due to variations in battery voltage, the calibration of the instrument is gone in the course of one day. (4) The ГЗУ-1 (GEU-1) generator does not provide for continuous operation of the instrument, as repairs take half the time. On medium-alloy steels accuracy of

Card 1/2

S/048/62/026/007/017/030

Experience gained with the operation ... B104/B138

analysis is almost twice that of optical methods, except for Si and Mn, where it is about the same. A 25% staff reduction can be achieved if this instrument is used in quick-analysis laboratories. There are 3 figures and 10 tables.

Card 2/2

GOREVA, Ye.I.; KULIK, S.I.; LEUTA, T.M.

Operating experience with the DFS-10 photoelectric apparatus at
the "Dneprospetsstal" plant. Zav.lab. 29 no.11:1393-1395 '63.
(MIRA 16:12)

"Characteristics of the Pathogenesis of Cucumber Nigrosporiasis and Reasons for Control Measures." Cand Biol Sci, Khar'kov State U ineni A. M. Gor'kiy, Khar'kov, 1955.
(KL, No 17, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

KULIK, T.A.

Nigrosporiasis of corn in the Ukraine. Ukr. bot. zhur. 13 no.3:87-91
'56. (MLRA 9:11)

1. Sinel'nikivs'ka selektsiyno-doslidna stantsiya Ukrain's'kogo naukovo-doslidnogo institutu zernovogo gospodarstva.
(Ukraine--Corn (Maize)--Diseases and pests) (Fungi in agriculture)

NEMLIYENKO, F.Ye., doktor sel'skokhozyaystvennykh nauk; KULIK, T.A.,
kand.biol.nauk

Semidry disinfection of seed corn. Zashch. rast. ot vred. i
bol. 3 no.5:21-22 S-O '58. (MIRA 11:10)
(Corn (Maize)--Disinfection)

PLANT DISEASES, Diseases of cultivated plants

ABS. JOUR.: Ref Zhur-Biologiya, No. 5, 1959, No. 20619

AUTHOR : Kulik, T.A.
 INST. : All Union Sci.Res.Inst. of Corn.
 TITLE : Corn Resistance to Common Smut.

ORIG. PUB.: Kukuruz. 1958, No.7, 35-36

ABSTRACT : In determining the degree of resistance to common (boil) smut of selfpollinated lines, hybrids and varieties of corn at the Laboratory of Phytopathology of the All-Union Scientific Research Institute of Corn, the hybrids bred by the All-Union Scientific Research Institute of Corn - Dneprovskiy 66, 49 and 56, and VIR 42 proved most resistant to this disease; Dneprovskiy 3 and Bukovinskiy 3 were less resistant. A description is also given

CARD : 1/2

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PLANT DISEASES.

ABS. JOUR.: Ref Zhur-Biologiya, No. 5, 1959, No. 20619

AUTHOR :
 INST. :
 TITLE :

ORIG. PUB.:

ABSTRACT : of F.Ye.Nemliyenko's method, applied to determine the resistance of cobs from self-pollinated lines. B Cobs of the VIR 38, 44, 29 lines were most susceptible, cobs of the VIR 28, 40, 43 lines were most resistant.
 --Ye.S. Arutyunyan

CARD: 2/2

KULIK, T.A. [Kulyk, T.A.], kand.biol.nauk

Protection against diseases. Nauka i zhyttia 9 no.3:39-40
Mr '59. (MIRA 12:4)
(Corn (Maize)--Disease and pest resistance)

KULIK, T.A., kand.biolog.nauk

Nigrospora infection of sorgo. Zashch. rast. ot vred. i bol. 8
no.9:16-18 S '63. (MIRA 16:10)

1. Vsesoyuznyy institut kukuruzy.

KULIK, V.A., inzh.

The ET-2 safety device for pulleys. Bezop.truda v prom. 5
no.9:28-29 S '61. (MIRA 14:10)

1. Trest Tuymazaburneft'.
(Pulleys--Safety measures)

KULIK, V.A. (Khar'kov)

Quantitative determination of chloride derivatives of the aromatic series. Gig.truda i prof.zab. 3 no.5:54 S-0 '59. (MIRA 13:2)

1. Ukrainskiy institut gigiyeny truda i profzabolevaniy.
(CHLORINE ORGANIC COMPOUNDS)

SEMENETS, L.V.; MOISEYEV, L.S.; KULIK, Y.A.

Calculating the actual spatial function of bridge spans.

Avt.dor. 22 no.11:17-18 N '59.

(MIRA 13:2)

(Bridges)

KULIK, V. F.

Grinding taps having metric thread every second pitch on the
5B82 thread-grinding machine. Stan. 1 instr. 33 no.10:32-33
0 '62. (MIRA 15:10)

(Grinding and polishing)

KULIK, V.F.; YEGOROV, Yu.P.; MARENETS, M.S.; YAGUPOL'SKIY, L.M.

Infrared spectra and polar effects in para-substituted benzene containing the groups SCF_3 , SOCF_3 , SO_2CF_3 , and OCF_3 . Zhur.strukt. khim. 4 no.4:541-547 J1-Ag '63. (MIRA 16:9)

1. Institut khimii polimerov i monomerov AN UkrSSR, Kiyev.
(Benzene derivatives--Absorption spectra)

KULIK, V.F.; YEMOROV, Yu.P.; PANTELEYMONOV, A.G.; FIALKOV, Yu.A.; YAGUPOL'SKIY,
L.M.

Electronic interaction and infrared spectra of para-derivatives of
benzene $X - C_6H_4 - Y - CF_3$. Teoret. i eksper. khim. 1 no.2:171-178
Mr-Apr '65. (MIRA 18:7)

1. Institut khimii vysokomolekulyarnykh soyedineniy AN UkrSSR,
Kiyev i Institut organicheskoy khimii AN UkrSSR, Kiyev.

KULIK, V.F.

Ninth Mendeleev Congress on General and Applied Chemistry.

Teoret. i eksper. khim. 1 no.4:554-557 '65. (MIRA 18:10)

KULIK, V. G.

"The Electromotive Force of a Stomach in Respect to the Amount of Gastric Juice and to the Concentration of Hydrochloric Acid in the Juice," Sub. 26 Dec 47, Military Veterinary Academy, USSR.

Dissertations presented for degrees in science and engineering in Moscow in 1947.

SO: Sum.No.457, 18 Apr 55

KULIK, Y. G., DYUDENKO, V. S. AND SHCHEL'TSI, A. F.

"Use of a novocaine blockade in surgical practice," Nauch.-prakt raboty voyen-vet. sluzhby, Moscow, 1948, p. 23-26

SO: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh 'Statey, No. 5, 1949).

1111, 7. 1.

"Certain Questions on the Aerodynamics of a Turbine Stage." Leningrad Polytechnic Inst, Leningrad, 1953. Dissertation (Referativnyi Zhurnal--Reference Index) Vol 5(1)

DO: CTR 111, 12 Aug 1974

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1. The first part of the document is a list of the names of the persons who were present at the meeting. The names are listed in alphabetical order. The names are: [illegible]

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8 (6)

SOV/112-57-5-9855

Translation from: Referativnyy zhurnal. Elektrotehnika, 1957, Nr 5, p 31 (USSR)

AUTHOR: Kulik, V. I.

TITLE: Experimental Investigation of Contour Losses in a Turbine Grid Having
Somewhat Rough Blade Surfaces (Eksperimental'noye issledovaniye profil'nykh
poter' v turbinnoy reshetke s nekotoryy sherokhovatost'yu poverkhnosti lopatok)

PERIODICAL: Tr. Novocherkas. politekhn. in-ta, 1956, Nr 33/47, pp 94-96

ABSTRACT: Bibliographic entry.

Card 1/1

KULIK, V.I. (Moskva, Ye-266, Semenovskaya naberezhnaya, d.2/1, kv.21);
RABKIN, I.Kh.

Significance of an X-ray movie study in studying the functional state of the esophagus following its prosthesis; experimental study. Grud. khir. 6 no.1:86-89 Ja-F '64. (MIRA 18:11)

1. Laboratoriya po peresadke organov i tkaney (zav. - chlen-korrespondent AMN SSSR V.V. Kovanov) AMN SSSR i gospi'tal'naya khirurgicheskaya klinika (zav. - deystvitel'nyy chlen AMN SSSR B.V. Petrovskiy) I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova. Submitted November 10, 1962.

L 23143-66 EWT(m)/EWP(j)/EWP(t) IJP(c) JD/RM
ACC NR: AP6006941 SOURCE CODE: UR/0075/66/021/002/0196/0199

AUTHOR: Babko, A. K.; Shkaravskiy, Yu. F.; Kulik, V. I. 23

ORG: Institute of General and Inorganic Chemistry, AN UkrSSR, Kiev (Institut obshchey i neorganicheskoy khimii AN UkrSSR) 5

TITLE: Use of phosphomolybdates of basic dyes in the extractive-photometric determination of phosphorus 15 27

SOURCE: Zhurnal analiticheskoy khimii, v. 21, no. 2, 1966, 196-199

TOPIC TAGS: photometric analysis, phosphorus, phosphorus compound, molybdenum compound, dye chemical

ABSTRACT: The interaction of the phosphomolybdic complex (PMC) of phosphorus with basic dyes (BD) and the possible use of the latter for the extractive-photometric determination of phosphorus were investigated. In acid media, PMC forms colored precipitates with the following BD: crystal violet, methyl violet, basic brilliant green, malachite green, auramine, iodine green, rhodamine 6G, neutral red, safranine, toluidine blue. A study of the extraction of PMC-BD compounds by eighteen

UDC: 543.70 2

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